Peak District National Park

Forecast valid from 00:00 on Monday 16 May 2022 until 23:59 on Tuesday 17 May 2022

Forecast Issued on Sunday 15 May 2022 at 14:53

Confidence: High for more unsettled conditions over the coming days, but only moderate confidence in the details of showers/thunderstorms on Monday.

Headline for Monday 16 May 2022: Cloudy with outbreaks of rain or showers, heavy and possibly thundery at times. Drier and sunnier later in the day.

Mountain weather hazards on Monday 16 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Thunderstorm	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
80%	60%	30%	30%	30%	30%	10%	10%

Forecast for Monday 16 May 2022

Weather: Cloudy with outbreaks of rain or showers, heavy and possibly thundery at times, moving north overnight and into Monday morning. Becoming drier and brighter, with some sunny spells developing by late-afternoon and the evening. Staying dry with clear spells after dusk, with perhaps some mist and fog patches forming in valleys by dawn.

Chance of cloud-free hill tops above 600m: 10% chance during the morning, increasing to 90% by late-afternoon and evening.

Low cloud and visibility: Poor or very poor in rain, with cloud bases down to 300-400m during the morning, becoming good or very good by late-afternoon and evening, with cloud bases lifting above the summits.

Forecast for Monday 16 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 E	16/22 E	13/19 SE	13/18 S	15/21 SW	16/22 SW	12/18 SW	10/14 SW	12/18 SW
300	17/26 E	12/18 NE	7/13 E	10/15 S	11/17 SW	12/18 SW	9/15 SW	8/12 S	8/14 S
Valley	17/35 E	15/27 E	8/15 E	6/12 S	7/16 SW	7/15 SW	7/15 W	5/12 S	5/14 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/6	12/9	12/9	12/10	13/11	14/11	12/10	10/8
300	11/8	11/8	12/11	14/12	15/13	16/14	16/14	14/12	12/11
Valley	12/8	11/8	13/11	14/14	16/15	17/16	17/16	13/13	12/11
Freezing Level*	2900m	2700m	2800m	2700m	2500m	2400m	2100m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions underfoot may become slippery, therefore adequent footwear is essential for any lengthy walks on the peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 14 May 2022	0mm	0mm	0mm

Forecast for Tuesday 17 May 2022

Weather: Early mist and fog patches soon clearing to leave a mostly fine and dry day, with sunny spells. Feeling very warm in the sunshine. However, cloud will increase from the west later in the day, with outbreaks of rain arriving by the evening.

Maximum wind: Southerly 15-20mph, with occasional gusts up to 25-30mph on the summits.

Chance of cloud-free hill tops above 600m: 40% chance at first, increasing to 100% by midday.

Low cloud and visibility: Generally good or very good throughout.

Temperature: **Valleys:** Plus 11 Celsius, becoming Plus 20 Celsius.
At 600m: Plus 9 Celsius, becoming Plus 17 Celsius.
Freezing level: Above the summits.